

FIG.1

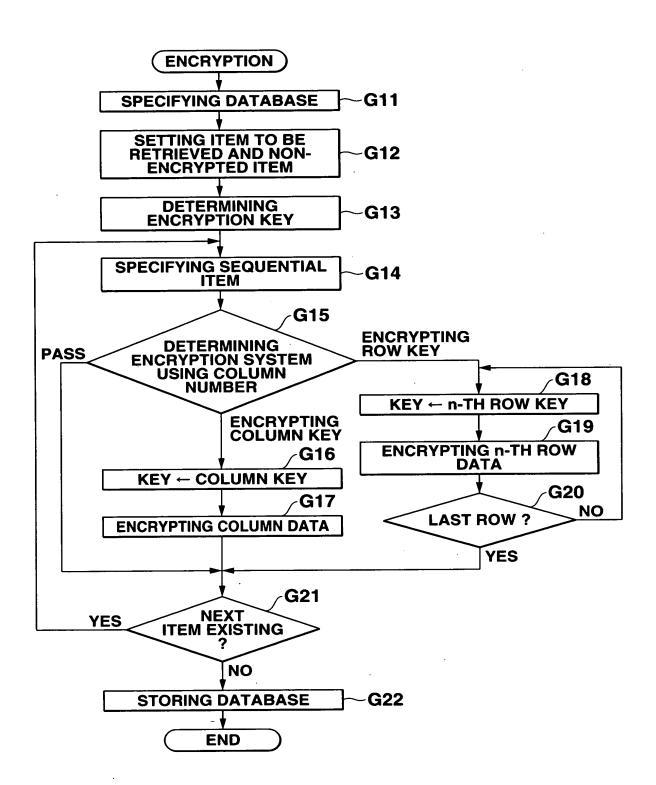


FIG.2

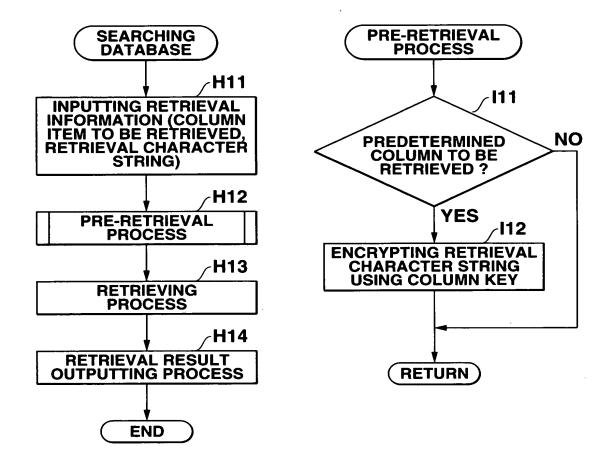


FIG.3A

FIG.3B

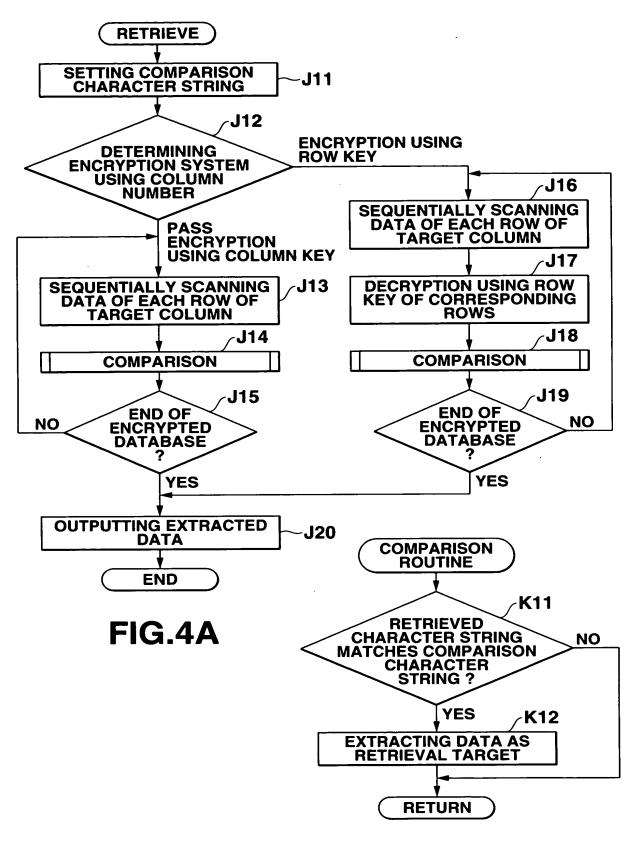


FIG.4B

(a)

number	name	state	weight	height	age	phone
1	Jhon	New York	63	130	22	407-228-6611
2	Chris	Florida	72	190	21	123-456-7890
3	Michael	Minnesota	65	163	27	101-202-3030
4	David	Iowa	63	145	34	523-761-0045
5	Mark	New York	65	152	30	832-962-9001
6	Daniel	lowa	68	170	25	231-981-9454
7	George	Idaho	69	180	31	561-545-4389
8	Henry	Florida	71	165	22	239-203-9800
9	Joe	New Jersey	66	163	27	239-129-9898

ENCRYPTION COLUMN KEY

(b)

number	name	state	weight	height	age	phone
1	wJls	noevjolc	qw	ywe	jh	igdltytfhDSk
2	ddGGa	h*/fDD	Ir	Erw	hg	LKtYtDSkoKow
3	1jkjl+P	gah{6xpVd	RK	Tyi	tY	hkliiydageQk
4	3eK@s	kHHS	kd	DHH	KI	d+fDIKnBerJf
5	erIN	noevjolc	jD	i00	Gv	wsdERfvW2Sdf
6	F>sSlu	kHHS	8u	lki	ij	1xcVlmFmkjpo
7	(:ld?k	IJHFD	НН	lpa	LK	kjwDkJGvfDoa
8	rhJKd	h*/fDD	ew	Aii	jh	e419h-ka+qwH
9	ifd	ASoChijlO-	Df	lky	tY	qLFUiCVkj@kl

DECRYPTION COLUMN KEY

(c)

number	name	state	weight	height	age	phone
1	Jhon	New York	63	130	22	407-228-6611
2	Chris	Florida	72	190	21	123-456-7890
3	Michael	Minnesota	65	163	27	101-202-3030
4	David	lowa	63	145	34	523-761-0045
5	Mark	New York	65	152	30	832-962-9001
6	Daniel	lowa	68	170	25	231-981-9454
7	George	Idaho	69	180	31	561-545-4389
8	Henry	Florida	71	165	22	239-203-9800
9	Joe	New Jersey	66	163	27	239-129-9898

FIG.5

COLUMN KEY

	1
phone	ROW KEY
age	"lemon"
height	ROW KEY
weight	ROW KEY
state	"orange"
name	"apple"
ımber	NE

ROW KEY

	"tiger"	"gob"	"cat"	"mouse"	"elephant"	"cow"	"pig"	"rabbit"	"lion"
number	-	2	3	4	2	9	7	8	6

FIG.6

(a)

number	name`	state	weight	height	age	phone
1	Jhon	New York	63	130	22	407-228-6611
2	Chris	Florida	72	190	21	123-456-7890
3	Michael	Minnesota	65	163	27	101-202-3030
4	David	Iowa	63	145	34	523-761-0045
5	Mark	New York	65	152	30	832-962-9001
6	Daniel	Iowa	68	170	25	231-981-9454
7	George	Idaho	69	180	31	561-545-4389
8	Henry	Florida	71	165	22	239-203-9800
9	Joe	New Jersey	66	163	27	239-129-9898

ENCRYPTION | COMPOSITE KEY

(b)

number	name	state	weight	height	age	phone
1	wJls	noevjolc	хо	qwe	jh	dfghaJ;lkqlu
2	ddGGa	h*/fDD	wi	kIA	hg	qwTylBnDFiKj
3	1jkjl+P	gah{6xpVd	hi	IKJ	· tY	DafgiqlkimD-
4	3eK@s	kHHS	s?	SGA	KI	hi*khaTygfXd
5	eriN	noevjolc	d-	ASD	Gv	8uyDBmAkolka
6	f>sSlu	kHHS	Į*	qoK	ij	jhtvbnMKJASW
7	(:ld?k	IJHFD	df	sLL	LK	IQwSRyuiokjq
8	rhJKd	h*/fDD	Ws	tyH	of	Dfha*kaqil
9	ifd	ASoChijlO-	qo	H2a	Ga	IkjHYAGoiuq

DECRYPTION COMPOSITE KEY

(c)

number	name	state	weight	height	age	phone
1	Jhon	New York	63	130	22	407-228-6611
2	Chris	Florida	72	190	21	123-456-7890
3	Michael	Minnesota	65	163	27	101-202-3030
4	David	Iowa	63	145	34	523-761-0045
5	Mark	New York	65	152	30	832-962-9001
6	Daniel	lowa	68	170	25	231-981-9454
7	George	Idaho	69	180	31	561-545-4389
8	Henry	Florida	71	165	22	239-203-9800
9	Joe	New Jersey	66	163	27	239-129-9898

FIG.7

															/				_	\	\	\	\	\			
	phone	"apricottiger"	"apricotdog"	"apricotcat"	"apricotmouse"	"apricotelephant"	"apricotcow"	"apricotpig"	"apricotrabbit"	"apricotlion"		/	/		phone	"apricot"+ ROW KEY								\	\	\	\
	age	"lemon"	"lemon"	"lemon"	"lemon"	"lemon"	"lemon"	"lemon"	"lemon"	"lemon"					age	"lemon"											
TE KEY	height	"lycheetiger"	"lycheedog"	"lycheecat"	"lycheemouse"	"lycheeelephant"	"lycheecow"	"lycheepig"	"lycheerabbit"	"lycheelion"				N KEY	height	"lychee"+ ROW KEY	ROW KEY		1 "tiger"	2 "dog"	3 "cat"	4 "mouse"	5 "elephant"	, "cow"	7 "pig"	8 "rabbit"	9 "lion"
COMPOSITE KEY	weight	"bananatiger"	"bananadog"	"bananacat"	"bananamouse"	"bananaelephant"	"bananacow"	"bananapig"	"bananarabbit"	"bananalion"				COLUMN KEY	weight	"banana"+ ROW KEY		number									
	state	"orange"	"orange"	"orange"	"orange"	"orange"	"orange"	"orange"	"orange"	"orange"					state	"orange"											
	name	"apple"	"ac	"e	"apple"	"apple"	"apple"	"apple"	"apple"	 		1	\	\	name	"apple"										/	/
	number	NONE	NONE	NONE		T	NONE	NONE	NONE	NONE					number	NONE								,		/	
																	_			_	/	/	/	/			

FIG.8

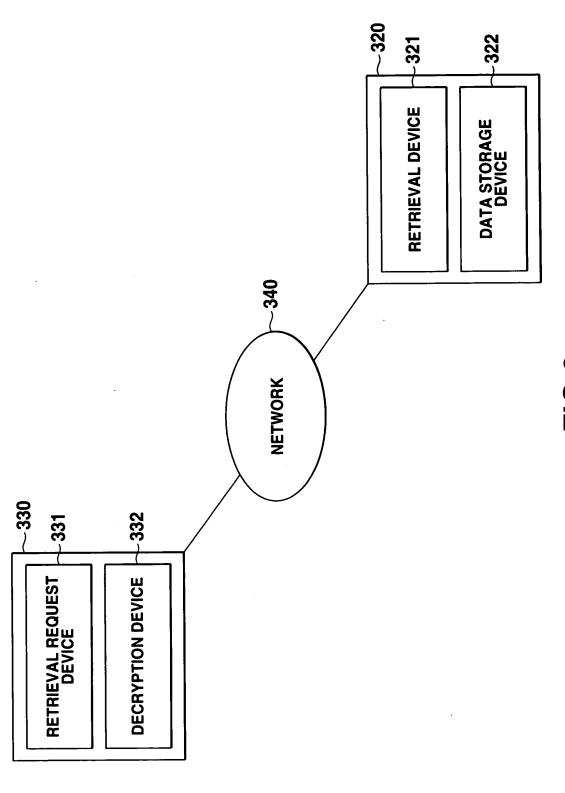


FIG.9

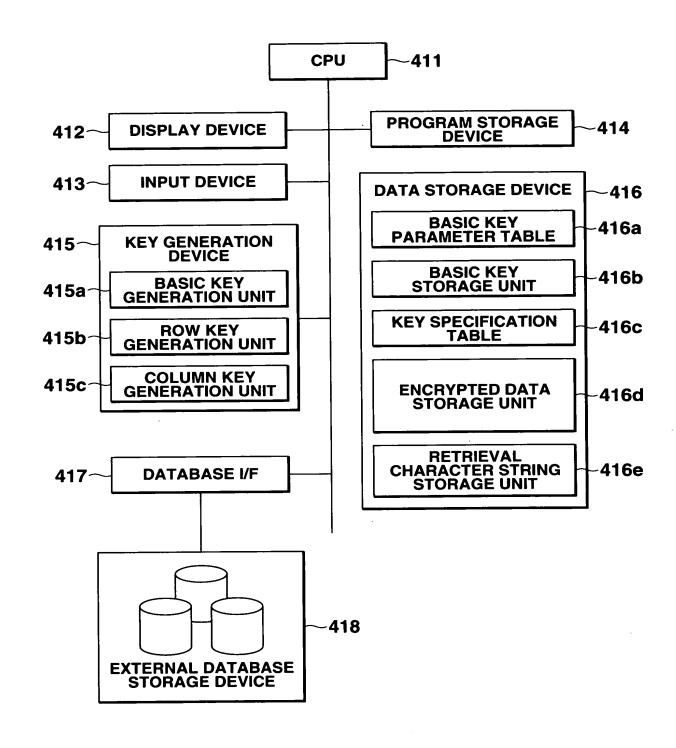


FIG.10

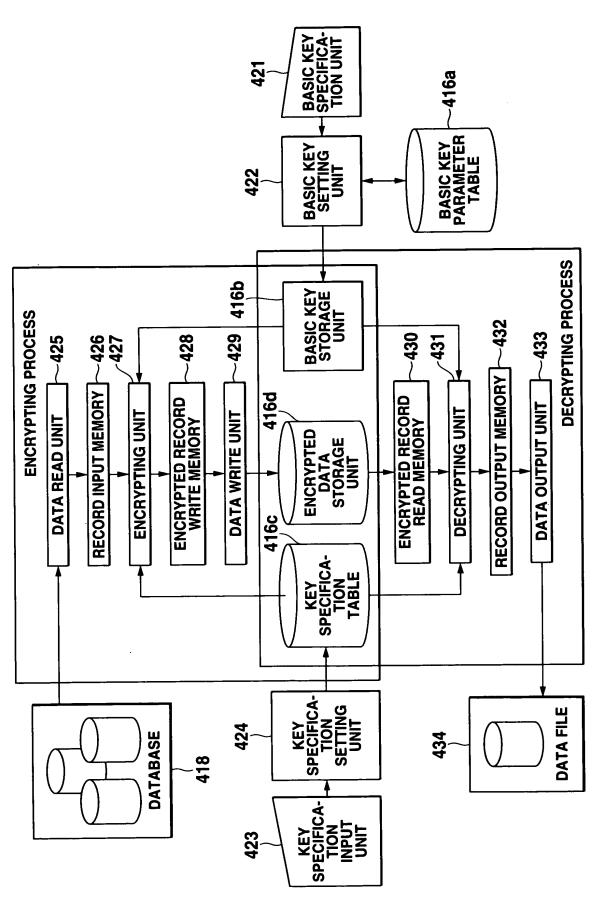


FIG. 11

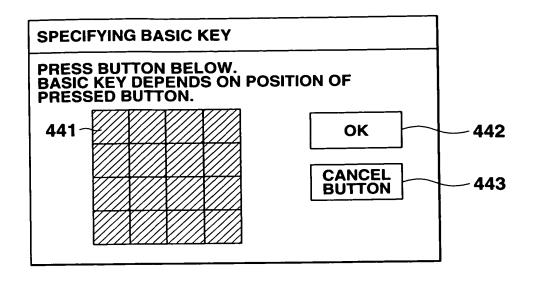


FIG.12

POSITION BASIC BASIC BARAMETER

POSITION OF BUTTON	BASIC PARAMETER VALUE	~-416a
1	5	
2	7	
3	9	
4	11	
5	13	
6	15	}
7	17	
8	19	
9	21]
10	23	
11	25	
12	27	
13	29	
14	31	
15	33	_
16	35]

FIG.13

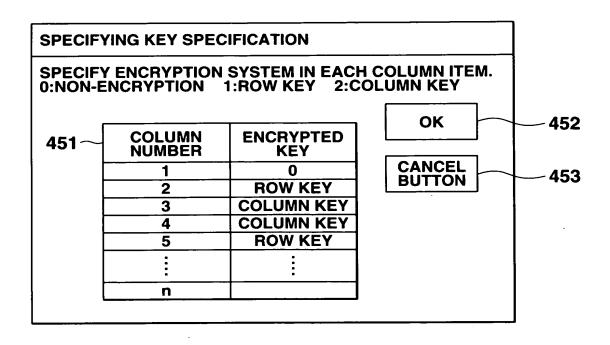


FIG.14

KEY SPECIFIC	CATION TABLE	
COLUMN NUMBER	ENCRYPTED KEY	~416c
1	0	
2	ROW KEY	
3	COLUMN KEY	
4	COLUMN KEY	
5	ROW KEY	
	COLUMN NUMBER 1 2 3	NUMBER KEY 1 0 2 ROW KEY 3 COLUMN KEY 4 COLUMN KEY

FIG.15

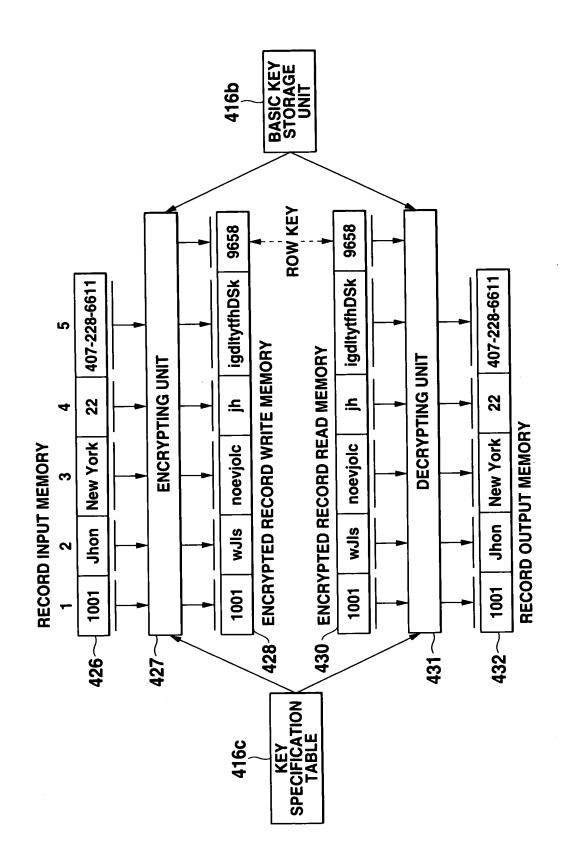


FIG.16

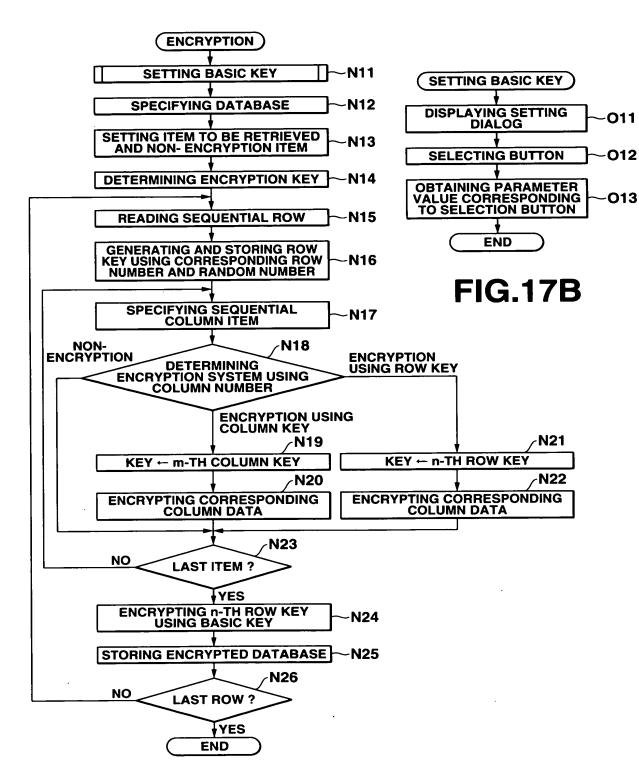


FIG.17A

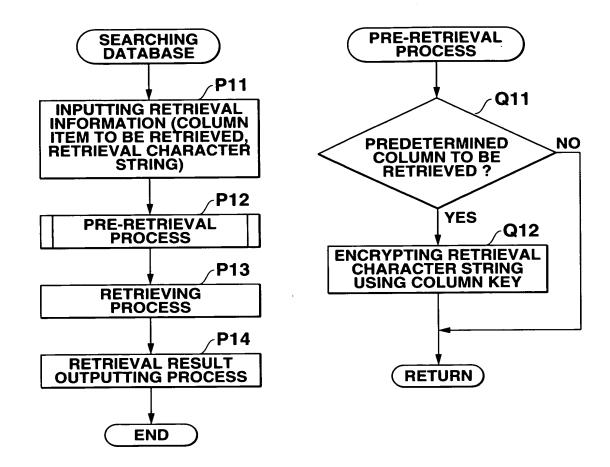
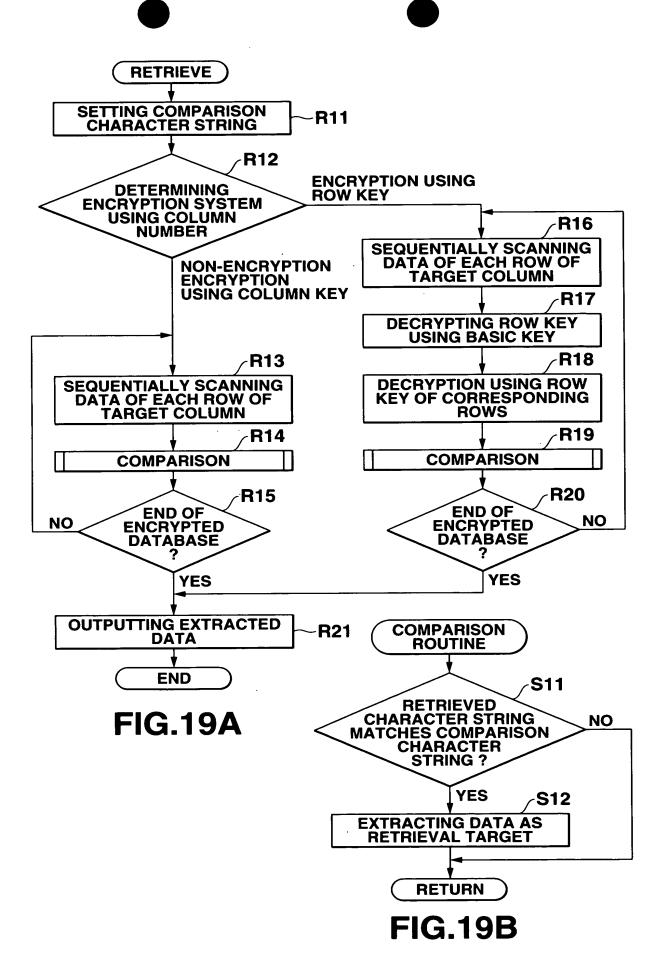


FIG.18A

FIG.18B



(a)

number	name	state	age	phone
1001	Jhon	New York	22	407-228-6611
1002	Chris	Florida	21	123-456-7890
1003	Michael	Minnesota	27	101-202-3030
1004	David	lowa	34	523-761-0045
1005	Mark	New York	30	832-962-9001
1006	Daniel	Iowa	25	231-981-9454
1007	George	Idaho	31	561-545-4389
1008	Henry	Florida	22	239-203-9800
1009	Joe	New Jersey	27	239-129-9898

ENCRYPTION COLUMN KEY ROW KEY

(b)

number	name	state	age	phone	line key
1001	wJls	noevjolc	jh	igdltytfhDSk	9658
1002	ddGGa	h*/fDD	hg	LKtYtDSkoKow	9143
1003	1jkjl+P	gah{6xpVd	tY	hkliiydageQk	8278
1004	3eK@s	kHHS	KI	d+fDIKnBerJf	4358
1005	erIN	noevjolc	Gv	wsdERfvW2Sdf	5784
1006	f>sSlu	kHHS	ij	1xcVlmFmkjpo	9743
1007	(:ld?k	IJHFD	LK	kjwDkJGvfDoa	3935
1008	rhJKd	h*/fDD	jh	e419h-ka+qwH	7412
1009	ifd	ASoChijlO-	tY	qLFUiCVkj@kl	9593

DECRYPTION COLUMN KEY ROW KEY

(c)

number	name	state	age	phone
1001	Jhon	New York	22	407-228-6611
1002	Chris	Florida	21	123-456-7890
1003	Michael	Minnesota	27	101-202-3030
1004	David	Iowa	34	523-761-0045
1005	Mark	New York	30	832-962-9001
1006	Daniel	Iowa	25	231-981-9454
1007	George	Idaho	31	561-545-4389
1008	Henry	Florida	22	239-203-9800
1009	Joe	New Jersey	27	239-129-9898

FIG.20

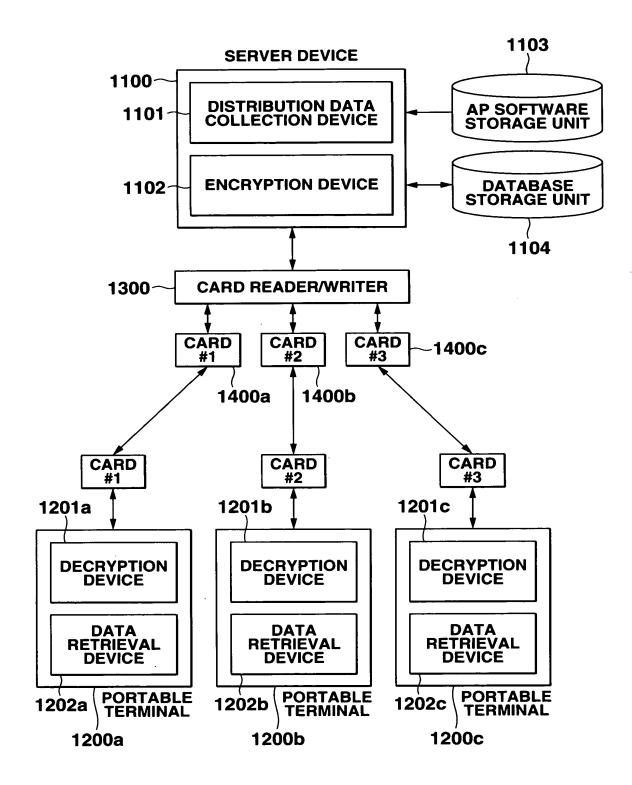


FIG.21

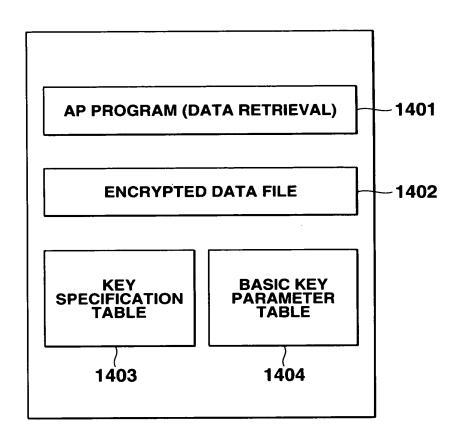


FIG.22

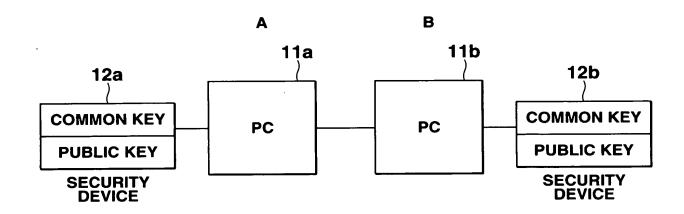


FIG.23

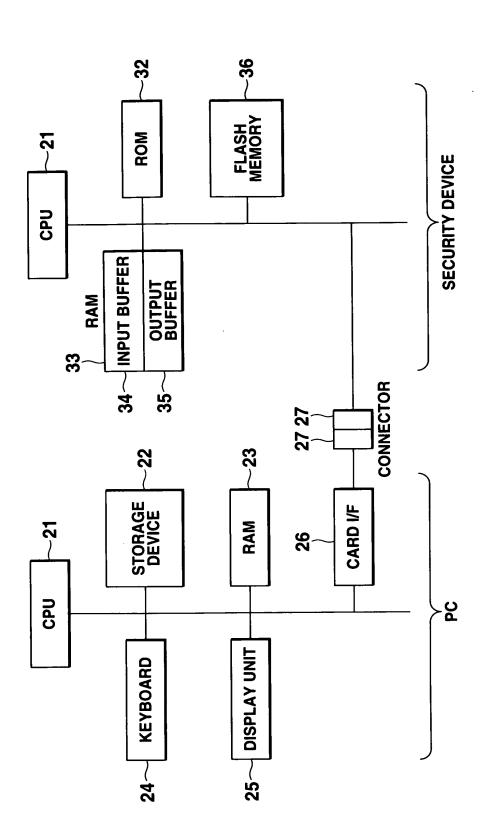


FIG.24

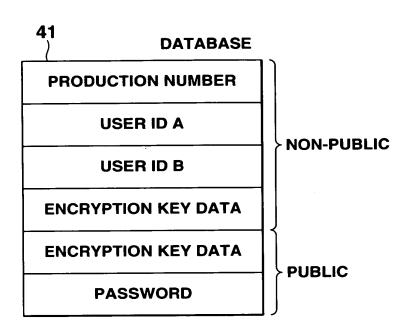


FIG.25

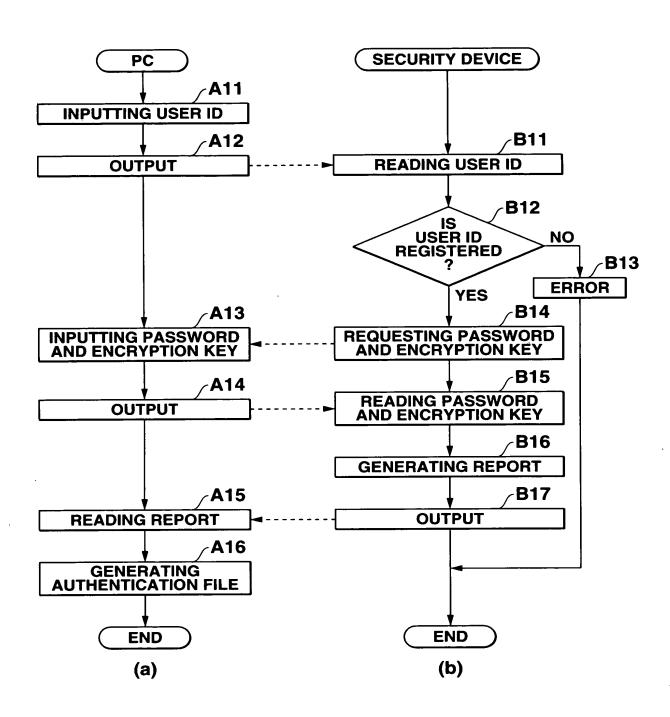


FIG.26

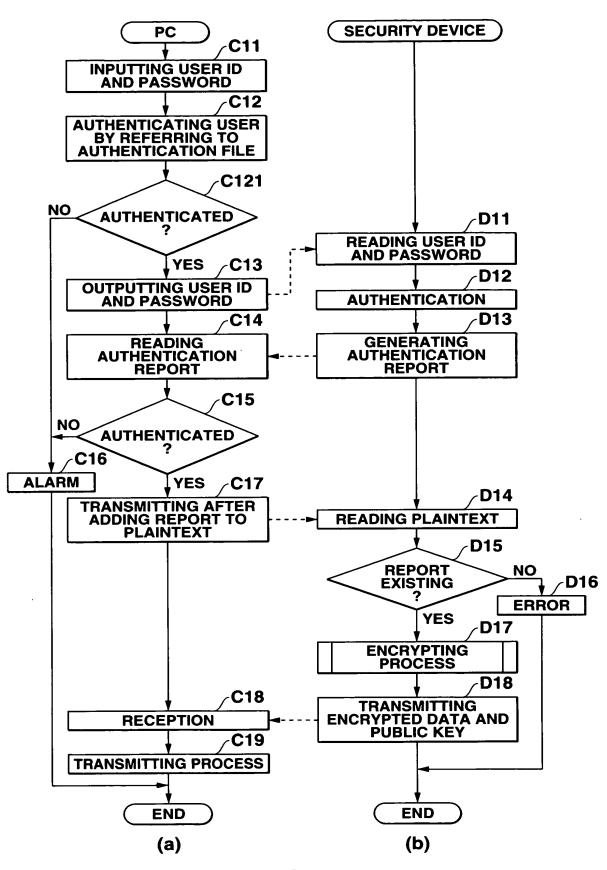


FIG.27

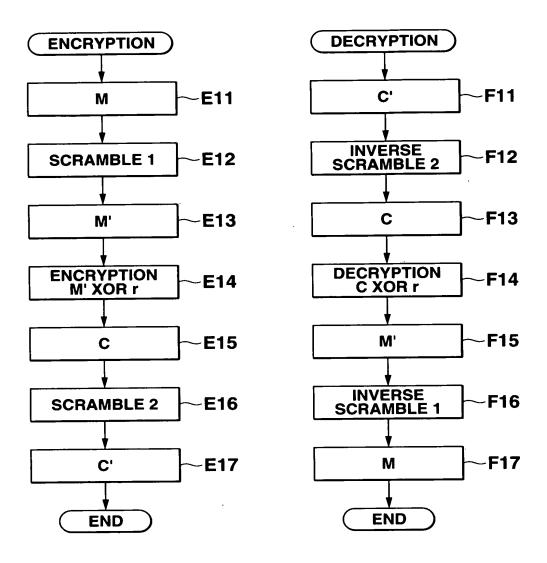


FIG.28A

FIG.28B

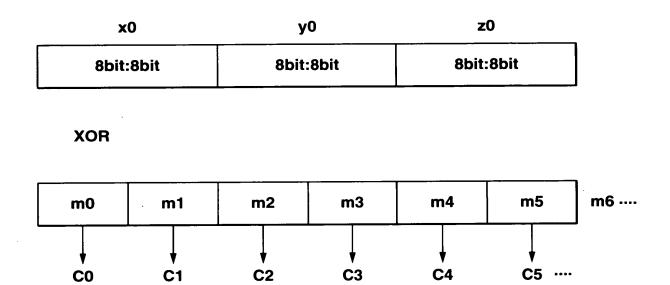


FIG.29

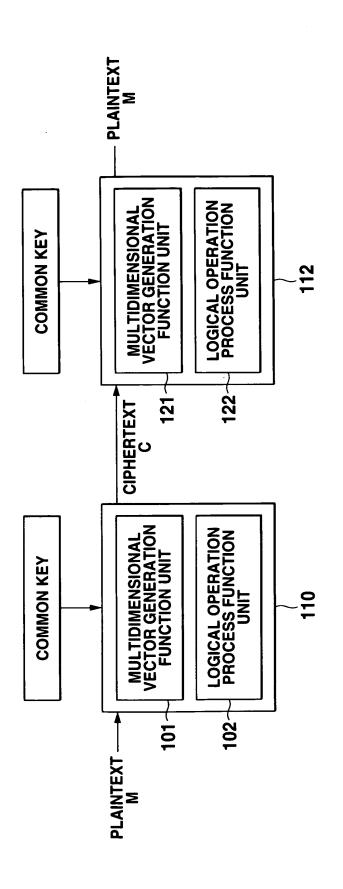


FIG.30

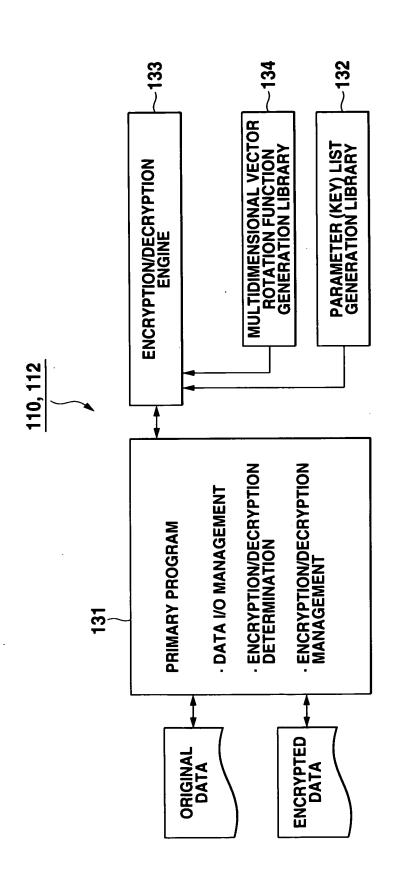


FIG.31

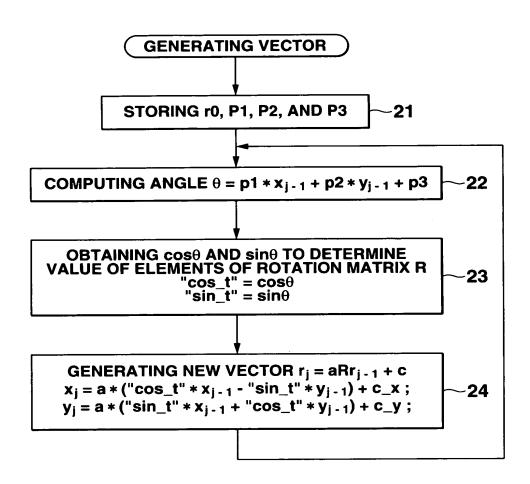


FIG.32

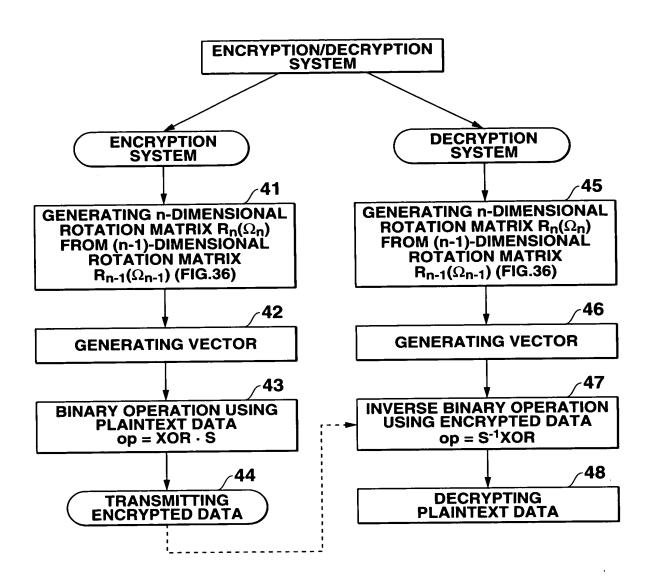


FIG.33

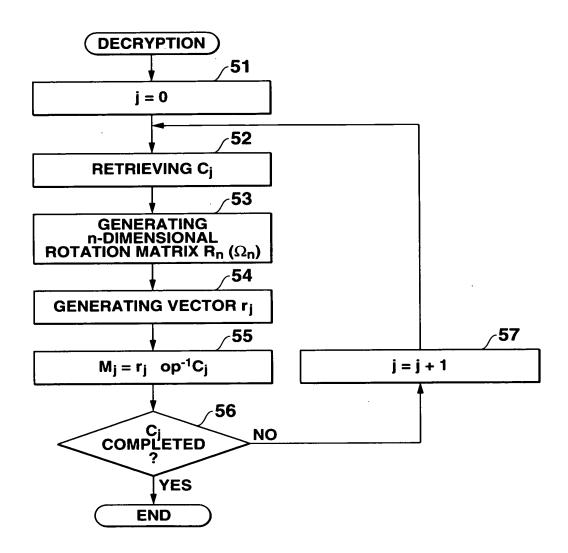


FIG.34

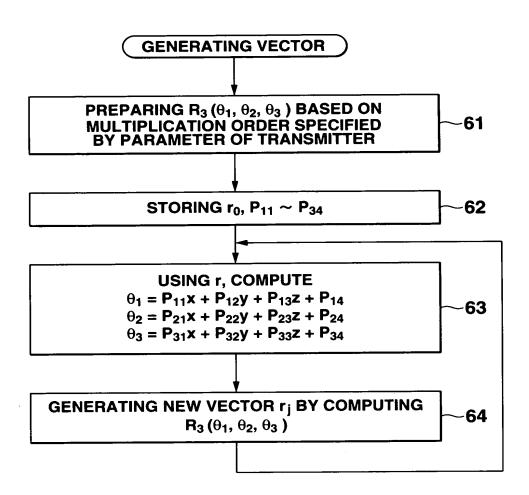


FIG.35

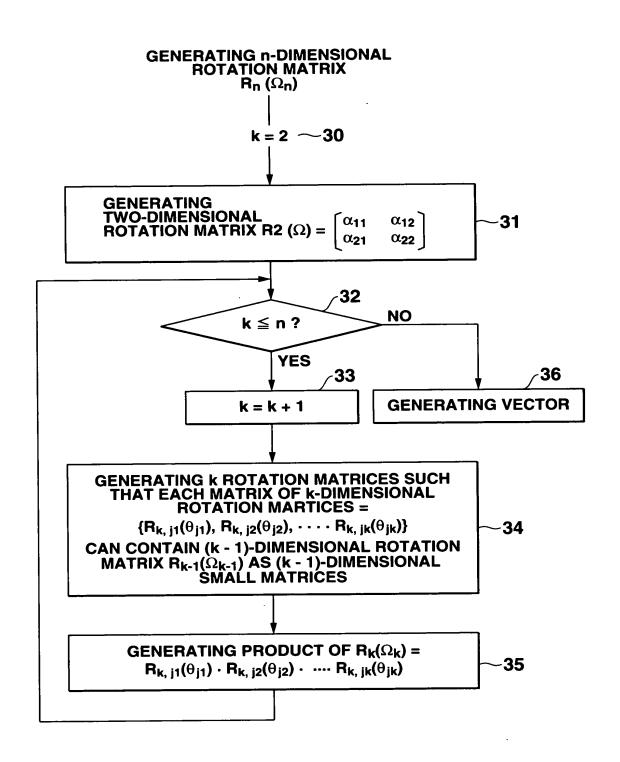


FIG.36

